	<u>ODEOTRADO RIVER AOTION I EARLI INIAINOTEIN</u>												
		ACTIVITY	WHO	STATUS	FY 03 10/02-9/03	FY 04 10/03-9/04	FY 05 10/04-9/05	FY 06 10/05-9/06	FY 07 10/06-9/07	FY 08 10/07-9/08	OUT- YEARS		
Ī	I.	PROVIDE AND PROTECT INSTREAM FLOWS (HABITAT MANAGEMENT)											
	I.A.	Colorado River above Gunnison River											
>*	I.A.1.	Develop, issue and implement PBO.	FWS	Issued 12/20/99									
	I.A.2.	Initially identify year-round flows needed for recovery.											
	I.A.2.a.	Rifle to Roller Dam.	FWS-FR	Complete									
	I.A.2.b.	Roller Dam to 15-Mile Reach.	FWS-FR	Complete									
	I.A.2.c.	15-Mile Reach.	FWS-FR	Complete									
	I.A.3.	Provide a depletion accounting report as outlined in the 15-Mile Reach PBO.											
	I.A.3.a.	Collect data.	CWCB/FWS- ES/BR		Х	Х	Х	Х			Х		
	I.A.3.b.	Develop consumptive use and losses report with CRDSS model to verify level of depletions.	CWCB					12/05					
	I.A.3.c.	Calculate new depletions every 5 years (2011, 2016, etc).	CWCB								Х		
	I.A.4.	Evaluate need for instream flow water rights.											
	I.A.4.a.	Rifle to Roller Dam (Dependent on initial flow recommendations).											
	I.A.4.a.(1)	Assess legal and physical availability of water.	CWCB	Complete									
	I.A.4.a.(2)	Assess compact considerations.	CWCB	Complete									
	I.A.4.a.(3)	Five-year periodic review of progress under the PBO to determine if instream flow filings are necessary.	CWCB/FWS			Х					Х		
	I.A.4.a.(3)(a	,	CWCB			Х					Х		
	I.A.4.b.	Roller Dam to 15-Mile Reach (Dependent on initial flow recommendations).											
	I.A.4.b.(1)	Assess legal and physical availability of water.	CWCB	Complete									
	I.A.4.b.(2)	Assess compact considerations.	CWCB	Complete									
	I.A.4.b.(3)	Five-year periodic review of progress under the PBO to determine if instream flow filings are necessary.	CWCB/FWS			Х					Х		
	I.A.4.b.(4)	If necessary, evaluate how identified flows will be legally protected.	CWCB			Х					Х		
	I.A.4.c.	15-Mile Reach.											
	I.A.4.c.(1)	Instream flow water right secured - 581 cfs (July - September).		Complete									
	I.A.4.c.(2)	Irrigation season return flows legally protected - 300 cfs.		Complete									
	I.A.5.	Provide and legally protect instream flows pursuant to Colorado River PBO.											
>*	I.A.5.a.	Pursuant to Ruedi Biological Opinion, deliver 5,000af annually & an additional 5,000af 4 out of 5 years (ongoing and protect by short-term agreement).	BR/CWCB	Ongoing	Х	Х	Х	Х	Х	Х	Х		
>*	I.A.5.b.	Execute long-term lease for 10,825 af from Ruedi Reservoir.	BR/FWS/ CWCB	In progress (late)	Х								
>*	I.A.5.b.(1)	Provide water annually pursuant to long-term lease.	BR/CWCB		Х	Х	Х	Х	Х	Х	Х		
	I.A.5.c.	Execute 10-year agreement for delivery of 5,412.5 af by West Slope water users.	CRWCD/FWS	Complete									
>*	I.A.5.c.(1)	Provide and protect water deliveries by West Slope water users.	CRWCD/ CWCB	Ongoing	Х	Х	Х	Х	Х	х	Х		
	I.A.5.d.	Execute 10-year agreement for delivery of 5,412.5 af by East Slope water users.	DWD/FWS	Complete									
>*	I.A.5.d.(1)	Provide and protect water deliveries by East Slope water users.	DWD/CWCB	Ongoing	Х	Х	Х	Х	Х	Х	Х		
	I.A.5.e.	Permanent delivery of 10,825 af of water in late summer/early fall to meet base flow needs.		- 3- 3									
	I.A.5.e.(1)	Identify options.	CRWCD/ NWCD/ Denver Water		х								
	I.A.5.e.(2)	Select preferred alternative for delivery.	CRWCD/ NWCD/ Denver Water				7/05						
>*	I.A.5.e.(3)	Deliver and legally protect flows.	CRWCD/ NWCD/ Denver Water	Begin 7/08						х	Х		

П					FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	OUT-
		ACTIVITY	WHO	STATUS	10/02-9/03	10/03-9/04			10/06-9/07		YEARS
	I.A.5.f.	Evaluate options for use of uncommitted Ruedi Reservoir water following Round II sales.	BR	Complete	10,02 0,00	10,00			10,00		
		After Ruedi Round II water sales are completed, or commitments to contracts agreed to,	BR/CWCB/								
	I.A.5.g.	resolve the disposition of remaining uncommitted water from Ruedi Reservoir.	FWS	Complete							
		Pursuant to Wolford Mountain (Muddy Creek) Biological Opinion, deliver up to 6,000 acre-	CRWCD/FWS/								
>*	I.A.5.h.	feet of water.	CWCB	Ongoing	Х	Х	Х	Х	Х	Х	Х
	I.A.5.i.	Coordinated reservoir operations.	<b>411.0</b>								
_	I.A.5.i.(1)	Evaluate (final report).	BR	Complete							
	I.A.5.i.(2)	Deliver additional peak flows, evaluate process & hydrology, and provide annual report.	BR	Ongoing			Х	Х	Х	Х	Х
-	I.A.5.j.	Collbran Project.		3 3							
_	I.A.5.j.(1)	Evaluate.	BR	Complete							
_	I.A.5.j.(2)	Make recommendations	BR	Complete							
	I.A.5.k.	Silt Project.		·							
	I.A.5.k.(1)	Evaluate.	BR	Complete							
	I.A.5.k.(2)	Make recommendations.	CDOP/BR	Complete							
	I.A.5.I.	Grand Valley Water Management Project.									
	I.A.5.I.(1)	Evaluate.	BR	Complete							
		Complete Draft Grand Valley Water Management Environmental Assessment. The									
l l	I.A.5.I.(2)	agreement to deliver Green Mountain Reservoir water to the Grand Valley Power Plant,	BR	Complete							
		pursuant to the Orchard Mesa Check Settlement, will also be covered in this draft									
>*	I.A.5.I.(3)	Design and construct features of the Grand Valley Water Management Project.	BR	In progress	Х	6/04					
	LA E L (4)	Execute agreement for delivery of surplus Green Mountain Reservoir water up to the	DD	Complete							
	I.A.5.I.(4)	excess capacity of the Grand Valley Power Plant pursuant to the Orchard Mesa Check	BR	7/99							
	L A . E . L / E \	Execute agreement (municipal water contract) to deliver additional Orchard Mesa Check	BR/City of	Campulata							
	I.A.5.I.(5)	Settlement water and Grand Valley Water Management Plan water to benefit endangered	Grand Jct.	Complete							
	I.A.5.I.(6)	Assess options and legally protect only additional Orchard Mesa Check Settlement water	BR	Complete							
	I.A.5.I.(6)	and Grand Valley Water Management Plan water.	DK	Complete							
ſ	I.A.5.m.	Water Division 5 Coordinated Facilities Study.									
	I.A.5.m.(1)	Evaluate options for providing and protecting additional peak flows to the 15-Mile Reach.	CWCB		4/03						
>*	I.A.5.m.(2)	Deliver additional peak flows as determined feasible in the evaluation.	TBD		Х	Х	Х	Х	Х	Х	Х
	I.A.6.	Review implementation of RIPRAP items to determine timely compliance with applicable	FWS		Х		Х		Х		Х
Ш	I.A.b.	schedules (every 2 yrs. Beginning in 2003).	1 773		^		^		^		Λ
	I.B.	Colorado River from the Gunnison to the Colorado-Utah State line (Includes the 18-Mile Reach									
Щ'	i.D.	(Flow recommendation needed; expected with completion of Aspinall Unit biological opinion.)									
	I.B.1.	Initially identify year-round flows needed for recovery.	FWS-FR		Χ						
	I.B.2.	Evaluate how identified flows will be legally protected.	CWCB	On hold							
$\vdash$	I.B.3.	State acceptance of initial flow recommendations.									
	I.B.3.a.	Review scientific basis, dependent on development of flow recommendations by FWS.	CWCB/CDOW	Pending							
	I.B.3.b.	Assess legal and physical availability of water.	CWCB	Complete							
	I.B.3.c	Assess compact considerations.	CWCB	Complete							
$\square$	I.B.3.d.	CWCB notice of intent to appropriate (in Colorado).	CWCB	On hold							
₩'	I.B.4.	Legally protect identified flows.									
>*	I.B.4.a.	Acquire (see Colorado River above Gunnison and Gunnison River).									
<b>⊢</b>  '	I.B.4.b.	Appropriate.	OWOR	0 1 1:							
	I.B.4.b.(1)	CWCB approval to appropriate.	CWCB	On hold							
	I.B.4.b.(2)	Colorado Attorney Generals Office file date.	CWCB	On hold							
>*	I.B.4.b.(3)	Water court adjudication (litigation dependent).	CWCB	On hold							
	I.B.4.c.	Deliver and legally protect flows from Aspinall (see Colorado River above Gunnison and									
*	ID 4 c (4)	Gunnison River).	DD.	Complete							
>*	I.B.4.c.(1)	Operate Aspinall to provide test flows.	BR	Complete							
_*	I.B.4.c.(2)	Continue annual coordination (meeting 3 times/year) of Aspinall operation until biological opinion complete.	BR	Ongoing							
		opinion complete.									

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	ACTIVITY	WHO	STATUS	FY 03 10/02-9/03	FY 04 10/03-9/04	FY 05 10/04-9/05	FY 06 10/05-9/06	FY 07 10/06-9/07	FY 08 10/07-9/08	OUT- YEARS
I.B.4.c.(3)(a	Determine if change in water right and/or contract is needed.	BR	Pending							
I.B.4.c.(3)(I	Enter into contract if needed.	BR	Pending							
>* I.B.4.c.(3)c		BR	Pending							
I.C.	Colorado River from Colorado-Utah State line to Green River (Flow recommendations needed.)									
I.C.1.	Initially identify year-round flows needed for recovery.	FWS-FR		Х						
I.C.2.	State acceptance of initial flow recommendations.									
I.C.2.a.	Review scientific basis.	UT	Pending							
I.C.2.b.	Assess legal and physical availability of water.	UT	Pending							
I.C.3.	Legally protect identified flows.		J							
I.C.3.a.	Hold public meeting to establish future appropriation policy.	UT	Pending							
I.C.3.b.	Adopt and implement new policy (new appropriations subject to flow criteria).	UT	Pending							
>* I.C.3.c.	Prepare and execute contracts with water users as required to subordinate diversions associated with approved and/or perfected rights.	UT	Pending							
I.D.	Colorado River below Green River									
I.D.1.	Initially identify year-round flows needed for recovery.	FWS		Х						
I.D.2.	State acceptance of initial flow recommendations (dependent on development of initial flow recommendations).									
I.D.2.a.	Review scientific basis.	UT	Pending							
I.D.2.b.	Assess legal and physical availability of water.	UT	Pending							
I.D.3.	Legally protect identified flows (dependent on development of initial flow recommendations).		3							
I.D.3.a.	Hold public meeting to establish future appropriation policy.	UT	Pending							
I.D.3.b.	Adopt and implement new policy (new appropriations subject to flow criteria).	UT	Pending							
	Prepare and execute contracts with water users as required to subordinate diversions		renaing							
>* I.D.3.c.	associated with approved and/or perfected rights.	UT	Pending							
I.E.	Evaluate and revise as needed flow regimes to benefit endangered fish populations.	FWS/Program	Ongoing	Х	Х	Х	Х	Х	Х	Х
II.	RESTORE HABITAT (HABITAT DEVELOPMENT AND MAINTENANCE)	1 Wen regiani	Origoning	,,	Α	Α	~	Α	Λ	,
II.A.	Restore and manage flooded bottomland habitat.									
II.A.1.	29-5/8 Road Gravel Pit									
II.A.1.a.	Develop and approve management plans.	FWS-FR	Complete							
II.A.1.b.	Site design/complete environmental compliance.	BR	Complete							
>* II.A.1.c.	Construct.	BR	Complete							
II.A.1.d.	Operate and maintain.	BR		Х						
II.A.1.e.	Monitor and evaluate success; modify as needed.	FWS-FR	Ongoing  Modification on hold	X						
II.A.2.	Adobe Creek.		on noid							
II.A.2.a.		FWS-FR	Complete							
II.A.2.a. II.A.2.b.	Develop and approve management plans.  Site design/complete environmental compliance.	BR	Complete Complete							
>* II.A.2.c.	Construct.	BR BR	Complete							
> II.A.2.c.		BR		Х						
II.A.2.d. II.A.2.e.	Operate and maintain.		Ongoing	۸						
II.A.2.e. II.A.3.	Monitor and evaluate success; modify as needed.	FWS-FR	Complete							
	Walter Walker.	EWC ED	Complete							
II.A.3.a.	Develop and approve management plans.	FWS-FR	Complete							
II.A.3.b.	Site design/complete environmental compliance.	BR	Complete							
>* II.A.3.c.	Construct.	BR BR/FWS/	Complete	V						
II.A.3.d.	Operate and maintain.	CDOW	Ongoing	X						
II.A.3.e.	Monitor and evaluate success; modify as needed.	FWS-FR	Late report	Х						
II.A.4.	Develop and implement levee removal strategy at high-priority sites.									
II.A.4.a.	Preconstruction (contaminants screening, floodability assessments, environmental compliance, design & engineering.	BR/FWS		Х						
>* II.A.4.b.	wetlands 1	BR		Х						
II.A.4.c.	Operate and maintain.	BR/FWS		Х						
II.A.4.d.	Evaluation	FWS		Х						

				FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	OUT-
	ACTIVITY	WHO	STATUS	10/02-9/03	10/03-9/04				10/07-9/08	YEARS
II.A.5.	Acquire interest in high-priority flooded bottomland habitats.									
II.A.5.a.	Identify and evaluate sites.	FWS		Х						
II.A.5.b.	Pre-acquisition planning and identification of acquisition options.	PD		X						
II.A.5.c.	Conduct appraisal/NEPA compliance.	PD		X						
>* II.A.5.d.	Negotiate and acquire.	PD		X						
II.A.5.e.	Evaluate effectiveness of land acquisition activities and provide recommendations	PD		X						
II.B.	Restore native fish passage at instream barriers.									
II.B.1.	Restore passage at Grand Valley Irrigation Co. Diversion Dam (Palisade)									
II.B.1.a.	Evaluate and implement viable options to restore fish passage.	BR/FWS	Complete							
II.B.1.a.(1		BR	Complete							
II.B.1.a.(2	,	BR	Complete							
>* II.B.1.a.(3	,	BR	Complete							
>* II.B.1.a.(4	,	FWS-FR/BR	Ongoing	Х	Х	Х	Х	Х	Х	Х
II.B.1.a.(5		FWS-FR/BR	Complete				Α			
II.B.1.b.	Screen GVIC diversion to prevent endangered fish entrainment, if warranted.	11101110511	Complete							
II.B.1.b.(1		BR	Complete							
>* II.B.1.b.(2		BR	Complete							
· ·				\ <u>'</u>	\ <u>'</u>	7/	\ <u>'</u>	¥/	7/	7/
>* II.B.1.b(3)	·	FWS-FR/BR	Ongoing	Х	Х	Х	Х	Х	Х	Х
II.B.2.	Restore fish passage at Price Stubb.									
II.B.2.a.	Evaluate and implement viable options.				.,					
II.B.2.a.(1	,	BR		X	X					
II.B.2.a.(2	·	BR		Х	.,	10/0-				
>* II.B.2.a.(3		BR			Х	10/05	.,	.,		
>* II.B.2.a.(4	· ·	TBD				X	Х	Х	Х	Х
II.B.2.a.(5	,	FWS-FR/BR				Х				
II.B.3.	Restore fish passage at Government Highline (Roller Dam).									
II.B.3.a.	Evaluate and implement viable options.	P.D.								
II.B.3.a.(1	·	BR		Х	.,					
>* II.B.3.a.(2		BR		.,	X	4/05	.,	.,		<b>—</b> , ,
>* II.B.3.a.(3	•	BR		Х	Х	X	X	Х	Х	Х
II.B.3.a.(4		FWS-FR/BR				Х	Х			
II.B.3.b.	Screen Government Highline diversion to prevent endangered fish entrainment.									
II.B.3.b.(1	· · · · · · · · · · · · · · · · · · ·	BR	Complete							
>* II.B.3.b.(2		BR		Х	3/04					
II.B.3.b.(3	· · · · · · · · · · · · · · · · · · ·	FWS-FR/BR			Х	Х				
	Support actions to reduce or eliminate contaminant impacts. [NOTE: Contaminants remediation									,
II.C.	(in all reaches) will be conducted independently of and funded outside of the Recovery	FWS-ES		Х	Х	Х	Х	Х	Х	Х
<u> </u>	Program.]	=======================================								
II.C.1.	Support actions to reduce or eliminate comtaminant impacts of selenium in the Grand Valley.	FWS-ES		X	X	X	X	X	X	X
II.C.2.	Support remediation of groundwater contamination at the Atlas Mill tailings site.	FWS-ES		Х	X	Х	Х	X	X	Х
	Identify measures to minimize risk of hazardous materials spills in Black Rocks and									
II.C.3.	Westwater Canyon from transport along the adjacent railway to protect humpback chub	FWS-ES		Х	Х	Х	Х	Х	Х	Х
	populations.									
III.	REDUCE NEGATIVE IMPACTS OF NONNATIVE FISHES AND SPORTFISH MANAGEMENT									
	ACTIVITIES (NONNATIVE AND SPORTFISH MANAGEMENT)									
	Develop and implement control programs in reaches of the Colorado River occupied by									
III.A.	endangered fishes. Each control activity will be evaluated for effectiveness and then continued									
	as needed.									
III.A.1.	Determine relationship between Aspinall test flows and nonnative fish abundance.	UDWR/ FWS-	Complete							
		FR	· ·							
>* III.A.2.	Reclaim ponds in critical habitat.	CDOW	Complete							

B.A.2.   Column and make recommendations   COOW   Congress   COOW   Congress   COOW   Congress   COOW   Congress   COOW   COOW   COOP   COOW		OCEONADO INVERT				<u> </u>					
\$ IB.3.1. Nonnetive opported and contractivities in pursely habitatis. \$2 IB.A.3.1. Remove means immore appreciate the make an electron to the contractive description of the make an electron delication. \$2 IB.A.3.1. Remove means immore appreciate the make recommendations. \$1 IB.A.4. Perceive escapement from positis in critical reliables an energial and reliable. \$1 IB.A.4. Evaluate sources of nonrelative tables are media and reliable. \$1 IB.A.4. Evaluate sources of nonrelative tables are media and reliable. \$2 IB.A.5. Develop from implement regions to instertly required device of continuous fallows are media and cellular control.  \$3 IB.B.1. Figure and the properties of		ACTIVITY	WHO	STATUS							
\$\frac{y}{y}\$   18.3 h.   Semons areal nonative opportunities from backwaters and other four valority habitats   \$\frac{y}{y}\$   \$\frac{1}{2}\$   \$\frac{1}{2}\$	III.A.2.a.	Evaluate and make recommendations.	CDOW	Complete							
\$\frac{1}{2}\$ ill. A.3. & Remove contains contractive granted from backwaters and other for velocity habitats.	III.A.3.	Nonnative cyprinids and centrarchids in nursery habitats.									
III.A.d.   Preducte sequence not nonzolare falses and make recommendations.   CDOW/ STATE   CONTROL   CO	>* III.A.3.a.		CDOW/UDWR	Complete							
III.A.4.   Preducte sequence from pools in ordical habitat as needed and feasable.	>* III.A.3.b.	Remove nonnative centrarchids from backwaters and other low velocity habitats.	FWS	Late	Х						
Section   Develop and implement program to identify required level of channel catalant control.   FWS	III.A.4.										
III.B.   Reduce negative impacts to endangered fiches from population banagement from Highline Receivable control options and implement measures to control nonnative fish escapament from Highline Receivable in the secapament from COW CRINCO COPIE   Copyright   COW CRINCO COPIE   Copyright   COW CRINCO COPIE   Copyright   COW CRINCO COPIE   Copyright   COW Complete   COW CRINCO COPIE   Copyright   COW Complete   COW CRINCO COPIE   Copyright   COW Complete   COW CRINCO COPIE   COPI	III.A.4.a.	Evaluate sources of nonnative fishes and make recommendations.	CDOW/FWS		Х	Х	Х				
Section   Computer	>* III.A.5.	Develop and implement program to identify required level of channel catfish control.	FWS		Х	Х	Х	Х			
III.B.1.1.0   Septime Reservoir red.   Complete   Com	III.B.	Reduce negative impacts to endangered fishes from sportfish management activities.									
III.B.1.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  COOW Complete  COOW Complete  COOW Complete  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  III.B.2.a. Operate and maritan Highline Reservoir met.  COOW Complete  Complete  Coow Complete	. * III.D.4	Evaluate control options and implement measures to control nonnative fish escapement from	CDOW/	Commisso							
Bill B.10   Evaluate highline Reservoir net.   CDOW   Complete   CDOW   Complete   CDOW   Complete   CDOW   Complete   CDOW	> III.D.1.	Highline Reservoir.	CRWCD	Complete							
Ill B.2.   Remove bag and possession limits on warmwater sonnative sportfishes within critical habitaty   COOW   Complete	III.B.1.a.	Operate and maintain Highline Reservoir net.	CDOPR	Ongoing	Х	Х	Х	Х	Χ	Χ	Х
III.B.4. In Colorado.  III.B.4. Develop basinwide aquatic management plan to reduce normative fish impacts while providing sportfishing opportunities.  III.B.4. Develop basinwide aquatic management plan to reduce normative fish impacts while providing sportfishing opportunities.  III.B.4. Implement Colorado River Fisheries Management Plan.  IV.A. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Alignment or restore populations as needed and as guided by the Genetics Management Plan.  IV.A.1. Biscott Risk.  IV.A.1. Biscott Risk.  IV.A.1. Biscott Risk.  IV.A.1. Biscott Risk.  IV.A.2. Monitor in link community in the upper Colorado River (active Palsade) and develops.  IV.A.2. Monitor in link community in the upper Colorado River (active Palsade) and develops.  IV.A.3. Program acceptance.  IV.A.4. Implement zonatosks sucker Slate stocking plan for stocked fish.  IV.A.3. Program acceptance.  IV.A.4. Develop State stocking plan for the Colorado River in Colorado.  IV.A.3. Program acceptance.  IV.A.4. Complete  IV.A.4. Complete  IV.A.4. Complete Service and Colorado River in Palsade to Lons.  IV.A.5. Program acceptance.  IV.A.5. Program acceptance.  IV.A.5. Program acceptance.  IV.A.5. Program acceptance.  IV.A.6. Complete Service and Colorado River in Ush.  IV.A.5. Compl	III.B.1.b.	Evaluate Highline Reservoir net.	CDOW	Complete							
III.B.4.a.   Develop basinwide aquatic management plan to reduce nonnative fish impacts while providing sportfishing opportunities.   CDOW	III D 2	Remove bag and possession limits on warmwater nonnative sportfishes within critical habitat	CDOW	Complete							
SI III.8-4. Implement Colorado River Fisheries Management Plan.  V. MANAGE GENETIC INTEGRITY AND AUGMENT OR RESTORE POPULATIONS (STOCKING INFORMATION) (STOCKING	III.D.Z.	in Colorado.	CDOW	Complete							
Sportfishing opportunities   Sportfishing o	III B 4	Develop basinwide aquatic management plan to reduce nonnative fish impacts while providing	CDOW		V						
NAMAGE GENETIC INTEGRITY AND AUGMENT OR RESTORE POPULATIONS (STOCKING BOANDACRED TSHES)   V.A.   Augment or restore populations as needed, and as guided by the Genetics Management Plan.   V.A.   Augment or restore populations as needed, and as guided by the Genetics Management Plan.   V.A.   Augment or restore populations as needed, and as guided by the Genetics Management Plan.   V.A.   Augment or restore populations as needed, and as guided by the Genetics Management Plan.   V.A.   V.A.   Augment or restore populations plan and seek Program acceptance.   FWS-FR   Complete   V.A.   V.A.   Develop experimental augmentation plan and seek Program acceptance.   FWS-FR   Complete   V.A.	III.B.4.	sportfishing opportunities.	CDOW		^						i
NV.   Ny.	>* III.B.4.a.	Implement CDOW's Colorado River Fisheries Management Plan.	CDOW	Ongoing	Х	Х	Х	Х	Χ	Χ	X
IV.A. Lyment or restore populations as needed,and as guided by the Genetics Management Plan.  IV.A.1. Razorback sucker.  IV.A.1. Augment or restore populations as needed,and as guided by the Genetics Management Plan.  IV.A.1. Develop experimental augmentation plan and seek Program acceptance.  IV.A.1. Develop Experimental augmentation plan.  IV.A.1. Develop Experimental augmentation plan.  IV.A.1. Develop Sucker sugmentation plan.  IV.A.1. Develop Sucker sugmentation plan.  IV.A.2. Monitor the fish community in the upper Colorado River (above Palisade) and develop management action plan, including recommendations for Colorado planeminow and razorback sucker augmentation.  IV.A.3. Develop State stocking plan for razorbacks in the Colorado River in Colorado.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking plan for colorado River in Colorado.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking plan for province in the Colorado River in Colorado.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking success as identified in monitoring plan for stocked fish.  IV.A.3. Develop State stocking s	DZ.	MANAGE GENETIC INTEGRITY AND AUGMENT OR RESTORE POPULATIONS (STOCKING									
WA.1.b.   Rezorback sucker experimental sugmentation plan and seek Program acceptance.   FWS-FR   Complete	liv.	ENDANGERED FISHES)									
W.A.1.a.   Develop experimental augmentation plan and seek Program acceptance.   FWS-FR   Complete	IV.A.	Augment or restore populations as needed, and as guided by the Genetics Management Plan.									
V.A.1.b.   Implement experimental augmentation plan.   FWS-FR   Complete	IV.A.1.	Razorback sucker.									
VA.1.b.(2)   Monitor and evaluate results; make recommendations regarding further augmentation.   FWS-FR   Complete	IV.A.1.a.	Develop experimental augmentation plan and seek Program acceptance.	FWS-FR	Complete							
W.A.1.b.(2)   Monitor and evaluate results: make recommendations regarding further augmentation.   FWS-FR   Complete	IV.A.1.b.	Implement experimental augmentation plan.									
W.A.2.   Monitor the fish community in the upper Colorado River (above Palisade) and develop management action plan, including recommendations for Colorado.   CDOW Complete	> IV.A.1.b.	1) Stock fish.	FWS-FR	Complete							
W.A.2.   was program acceptance.   CDOW/PD   Complete   CDOW/PD   CDOW/PD   COmplete   CDOW/PD   C	IV.A.1.b.	(2) Monitor and evaluate results; make recommendations regarding further augmentation.	FWS-FR	Complete							
Sucker augmentation.  IV.A.3. Develop State stocking plan for razorbacks in the Colorado River in Colorado.  CDOW/PD Complete  V.A.3.b. Implement razorback sucker State stocking plan.  CDOW/PD Ongoing X X X X X X X X X X X X X X X X X X X		Monitor the fish community in the upper Colorado River (above Palisade) and develop									
IV.A.3.a   Develop State stocking plan for razorbacks in the Colorado River in Colorado.   CDOW/PD   Complete	IV.A.2.	management action plan, including recommendations for Colorado pikeminnow and razorback	CDOW	Complete							
IV.A.3.a.   Program acceptance.		sucker augmentation.									
IV.A.3.b.   Implement razorback sucker State stocking plan.   CDOW/PD   Ongoing   X   X   X   X   X   X   X   X   X	IV.A.3.	Develop State stocking plan for razorbacks in the Colorado River in Colorado.	CDOW/PD	Complete							
IV.A.3.b.   Evaluate stocking success as identified in monitoring plan for stocked fish.   Program   X	IV.A.3.a.	Program acceptance.	CDOW/PD	Complete							
IV.A.4.   Develop State stocking plan for Colorado pikeminnow in the Colorado River in Colorado.   CDOW/PD   Complete   CODW/PD   Complete   CDOW/PD   COMPLET   CDOW/PD   COMPLET   CDOW/PD   COMPLET   CDOW/PD   COMPLET   CDOW/PD   COMPLET   CDOW/PD   COMPLET   CDOW/PD   CDO	> IV.A.3.b.	Implement razorback sucker State stocking plan.	CDOW/PD	Ongoing	Х	Х	Х	Х	Χ	Χ	Х
IV.A.4.a.   Program acceptance.   CDOW/PD   Complete	IV.A.3.b.	Evaluate stocking success as identified in monitoring plan for stocked fish.	Program		Х	Х	Х	Х	Χ	Χ	Х
IV.A.4.b.   Implement Colorado pikeminnow State stocking plan.   CDOW/PD   Ongoing   X   X   X   X   X   X   X   X   X	IV.A.4.	Develop State stocking plan for Colorado pikeminnow in the Colorado River in Colorado.	CDOW/PD	Complete							
IV.A.4.c.   Evaluate stocking success as identified in monitoring plan for stocked fish.   Program   X	IV.A.4.a.	Program acceptance.	CDOW/PD	Complete							
IV.A.5.   Develop State stocking plan for bonytail in the Colorado River from Palisade to Loma.   CDOW   Complete   CDOWPD   Complete   CDOWPD   Complete   CDOWPD   COMPD   CDOWPD	> IV.A.4.b.	Implement Colorado pikeminnow State stocking plan.	CDOW/PD	Ongoing	Х	Х	Х	X	X	X	X
IV.A.5.a.   Program acceptance.   CDOW/PD   Complete   COM/PD   Complete   COM/PD	IV.A.4.c.	Evaluate stocking success as identified in monitoring plan for stocked fish.	Program		Χ	X	Χ	Χ	Χ	Χ	Х
V.A.5.b.   Implement bonytail State stocking plan.   FWS/CDOW   Ongoing   X   X   X   X   X   X   X   X   X	IV.A.5.	Develop State stocking plan for bonytail in the Colorado River from Palisade to Loma.	CDOW	Complete							
IV.A.5.c.   Evaluate stocking success as identified in monitoring plan for stocked fish.   Program   X	IV.A.5.a.	Program acceptance.	CDOW/PD	Complete							
IV.A.6.   Develop State stocking plan for the four endangered fish in the Colorado River in Utah.   IV.A.6.a.   Prepare plan.   UDWR   Complete	> IV.A.5.b.	i i i	FWS/CDOW	Ongoing				Х		Х	Х
IV.A.6.a.   Prepare plan.   UDWR   Complete   Complet	IV.A.5.c.		Program		Х	Х	Х	X	Х	Х	X
IV.A.6.b.   Program acceptance.   UDWR   Complete   C		Develop State stocking plan for the four endangered fish in the Colorado River in Utah.									
V.A.1.   Determine Colorado pikeminnow larval drift into Lake Powell.   V.B.   Monitor populations per requirements in the 15-Mile Reach PBO.	IV.A.6.a.	Prepare plan.	UDWR	Complete							
IV.A.6.d. Evaluate stocking success as identified in monitoring plan for stocked fish.  UDWR X X X X X X X X X X X X X X X X X X X	IV.A.6.b.	Program acceptance.	UDWR	Complete							
V. MONITOR POPULATIONS AND HABITAT AND CONDUCT RESEARCH TO SUPPORT RECOVERY ACTIONS (RESEARCH, MONITORING, AND DATA MANAGEMENT)  V.A. Conduct research to acquire life history information and enhance scientific techniques required to complete recovery actions.  V.A.1. Determine Colorado pikeminnow larval drift into Lake Powell.  V.B. Monitor populations per requirements in the 15-Mile Reach PBO.		Implement plan.		Ongoing							
V. RECOVERY ACTIONS (RESEARCH, MONITORING, AND DATA MANAGEMENT)  V.A. Conduct research to acquire life history information and enhance scientific techniques required to complete recovery actions.  V.A.1. Determine Colorado pikeminnow larval drift into Lake Powell.  V.B. Monitor populations per requirements in the 15-Mile Reach PBO.	IV.A.6.d.	Evaluate stocking success as identified in monitoring plan for stocked fish.	UDWR		Х	Х	Х	Х	X	X	Х
V.A. Conduct research to acquire life history information and enhance scientific techniques required to complete recovery actions.  V.A.1. Determine Colorado pikeminnow larval drift into Lake Powell.  V.B. Monitor populations per requirements in the 15-Mile Reach PBO.	V	MONITOR POPULATIONS AND HABITAT AND CONDUCT RESEARCH TO SUPPORT									
V.A. to complete recovery actions.  V.A.1. Determine Colorado pikeminnow larval drift into Lake Powell.  V.B. Monitor populations per requirements in the 15-Mile Reach PBO.	۷.	RECOVERY ACTIONS (RESEARCH, MONITORING, AND DATA MANAGEMENT)									
V.A.1. Determine Colorado pikeminnow larval drift into Lake Powell.  V.B. Monitor populations per requirements in the 15-Mile Reach PBO.	V Δ	Conduct research to acquire life history information and enhance scientific techniques required									
V.B. Monitor populations per requirements in the 15-Mile Reach PBO.	٧.٨.	to complete recovery actions.									
	V.A.1.	Determine Colorado pikeminnow larval drift into Lake Powell.	NPS	Complete							
V.B.1. Determine initial baselines and indices for Colorado pikeminnow and humpback chub. PD Complete											
	V.B.1.	Determine initial baselines and indices for Colorado pikeminnow and humpback chub.	PD	Complete							

	ACTIVITY	WHO	STATUS	FY 03 10/02-9/03	FY 04 10/03-9/04	FY 05 10/04-9/05	FY 06 10/05-9/06	FY 07 10/06-9/07	FY 08 10/07-9/08	OUT- YEARS
V.B.1.a	Evaluate population response, per 15-Mile Reach PBO (every 5 years beginning in FY 05).	FWS				Х				Х
V.B.2.	Determine initial baselines and indices for razorback sucker and bonytail.	PD				Х				
V.B.2.a	. Evaluate population response, per 15-Mile Reach PBO (every 5 years beginning in FY 05).	FWS				Х				Х
V.B.3.	Revise population indices to conform to recovery goals.	FWS	Complete	Х						
V.B.4.	Monitor incidental take.									
V.B.4.a	. Develop plan to monitor incidental take of endangered fishes in diversion structures.	FWS		Х						
V.B.4.l	. Implement plan to monitor incidental take of endangered fish in diversion structures.	FWS		Х	Х	Х	Х	Χ	Х	Х
V.C.	Estimate humpback chub populations									
V.C.1.	Black Rocks	FWS		Х	Х			Х	Х	Х
V.C.2.	Westwater	UDWR		Х	Х			Х	Х	Х
V.C.3.	Cataract Canyon	UDWR/Valdez		Х	Х	Х		Χ	Х	Х
V.D.	Estimate pikeminnow populations in the upper Colorado River (including Gunnison River).	FWS		Х	Х	Х			Х	Х